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Patent  
Attorney Docket No. 895,675-004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

**KUBAN et al.**

Serial No. 10/647,977

Filed: August 25, 2003

For: SYSTEM AND METHOD OF  
ACQUIRING BLOOD-VESSEL  
DATA

Group Art Unit: 3737

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

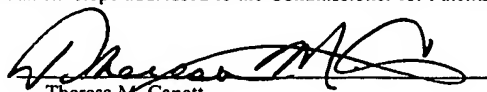
Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97–1.98, information relating to the above–identified application is hereby disclosed. The accompanying Form PTO–1449 provides a listing of documents that may be relevant to the subject application.

It is requested that the Examiner fully consider the art cited in the accompanying Form 1449, initial the left–most column of the form adjacent each cited reference, and return a copy for Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

CERTIFICATE OF MAILING (37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

September 9, 2005  
Date of Deposit  
NB1:662749.1

  
Theresa M. Canett

This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made. Nor does this statement constitute an admission by Applicants or Applicants' agent that the information provided herein is necessarily prior art to Applicants' invention. Moreover, Applicants reserve the right to establish the patentability of the claimed invention over any of the listed documents should they be applied there-against as references.

Respectfully submitted,

O'MELVENY & MYERS LLP

Dated: 9/9/05

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket No.	895,675-004
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**Complete if Known**

Application No.	10/647,977
Filing Date	August 25, 2003
First Named Inventor	KUBAN
Art Unit	3737
Examiner Name	Not yet assigned
Attorney Docket No.	895,675-004

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1.	5,161,535	11/10/1992	Short	
	2.	5,417,213	05/23/1995	Prince	
	3.	5,417,214	05/23/1995	Roberts	
	4.	5,601,085	02/11/1997	Ostensen	
	5.	5,735,281	04/07/1998	Rafter	
	6.	5,846,202	12/08/1998	Ramamurthy	
	7.	5,957,845	09/28/1999	Holley	
	8.	6,110,120	08/29/2000	Holley	
	9.	6,201,900	03/13/2001	Hossack	
	10.	6,216,027	04/10/2001	Willis	
	11.	6,252,924	06/26/2001	Davantes	
	12.	6,275,560	08/14/2001	Blake	
	13.	6,275,724	08/14/2001	Dickinson	
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	16.	6,428,479	08/06/2002	Aksnes	
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	18.	6,626,831	06/28/2001	Holley	
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	20.	6,818,199	11/16/2004	Hainfeld	
	21.	6,845,260	09/04/2003	Liu	

Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code (if known)				

NB1:662730. 1 Examiner  
SignatureDate  
Considered

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A-PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
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				Filing Date	August 25, 2003
				First Named Inventor	Kuban
				Art Unit	3737
				Examiner Name	Not yet assigned
Sheet	2	of	2	Attorney Docket No.	895,675-004

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>	
	22.	ACHENBACH, S., GIESLER, T., ROPERS, D., ULZHEIMER, S., DERLIEN, H., SCHULTE, C., WENKEL, E., MOSHAGE, W., BAUTZ, W., DANIEL, W., KALENDER, W., BAUM, U., "Detection of Coronary Artery Stenoses by Contrast-Enhanced, Retrospectively Electrocardiographically-Gated, Multislice Spiral Computed Tomography", Circulation, 2001, pp. 2535-2538, Vol. 103, No. 21, American Heart Association, Dallas, U.S.A.		
	23.	ARBAB-ZADEH, A., DEMARIA, A., PENNY, W., RUSSO, R., KIMURA, B., BHARGAVA, V., "Axial Movement of the Intravascular Ultrasound Probe During the Cardiac Cycle: Implications for Three-Dimensional Reconstruction and Measurements of Coronary Dimensions", American Heart Journal, 1999, pp. 865-872, Vol. 138, No. 5 Part 1, Elsevier, St. Louis, U.S.A.		
	24.	BRUINING, N., VON BIRGELEN, C., DE FEYTER, P., LIGTHART, J., LI, W., SERRUYS, P., ROELANDT, J., "ECG-Gated Versus Nongated Three-Dimensional Intracoronary Ultrasound Analysis: Implications for Volumetric Measurements", Catheterization and Cardiovascular Diagnosis, 1998, pp. 254-260, Vol. 43, No. 3, Alan R. Liss Inc., New York, U.S.A.		
	25.	BRUINING, N., VON BIRGELEN, C., DE FEYTER, P., LIGTHART, J., SERRUYS, P., ROELANDT, J., "Dynamic Imaging of Coronary Stent Structures: An ECG-Gated Three-Dimensional Intracoronary Ultrasound Study In Humans", Ultrasound in Medicine and Biology, 1998, pp. 631-637, Vol. 24, No. 5, Elsevier, New York, U.S.A.		
	26.	DELCKER, A., TEGELER, C., "Influence of ECG-Triggered Data Acquisition of Reliability for Carotid Plaque Volume Measurements with a Magnetic Sensor Three-Dimensional Ultrasound System", Ultrasound in Medicine and Biology, 1998, pp. 601-605, Vol. 24, No. 4, Elsevier, New York, U.S.A.		
	27.	SØNDERGAARD, L., STÅHLBERG, F., THOMSEN, C., SPRAGGINS, T., GYMOESE, E., MALMGREN, L., MÜLLER, E., HENRIKSEN, O., "Comparison Between Retrospective Gating and ECG Triggering in Magnetic Resonance Velocity Mapping", Magnetic Resonance Imaging, 1993; pp. 533-537, Vol. 11, No. 4, Pergamon Press, New York, U.S.A.		
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	29.	VON BIRGELEN, C., DE VREY, E., MINTZ, G., NICOSIA, A., BRUINING, N., LI, W., SLAGER, C., ROELANDT, J., SERRUYS, P., DE FEYTER, P., "ECG-Gated Three-Dimensional Intravascular Ultrasound: Feasibility and Reproducibility of the Automated Analysis of Coronary Lumen and Atherosclerotic Plaque Dimensions in Humans", Circulation, 1997, pp. 2944-2952, Vol. 96, No. 9, American Heart Association, Dallas, U.S.A.		
	30.	WOODHOUSE, C., JANOWITZ, W., VIAMONTE, M., "Coronary Arteries: Retrospective Cardiac Gating Technique to Reduce Cardiac Motion Artifact at Spiral CT", Radiology, 1997, pp. 566-569, Vol. 204, No. 2, Radiological Society of North America, Easton, U.S.A.		

NB1:662730. 1Examiner Signature	Date Considered	
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="http://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.</p> <p>This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p>		
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